

Title (en)

SAFETY DEVICE FOR LIQUID AERATING APPARATUS

Title (de)

SICHERHEITSEINRICHTUNG FÜR FLÜSSIGKEITSBELÜFTUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE SURETE POUR AERATEUR DE LIQUIDES

Publication

**EP 1113977 B1 20030108 (EN)**

Application

**EP 99946415 A 19990916**

Priority

- IL 9900508 W 19990916
- IL 12627498 A 19980917

Abstract (en)

[origin: WO0017090A1] A liquid aerating apparatus - in combination with a cylinder containing gas under pressure (53); a cylinder holder (30) for retaining a pressure gas cylinder; an aerating (61) head for retaining a bottle (63) which contains a liquid to be aerated; an intermediate chamber (38), for receiving gas discharged from the cylinder (531); a cylinder valve (32) for normally preventing discharge from the cylinder into the chamber and permitting it when desired; valve actuating means (17') which have an inactive position, in which they do not act on the cylinder valve, and an active position, in which they cause the cylinder valve to be opened and gas to be discharged from the cylinder to the intermediate chamber; gas conduit means (20) connecting the intermediate chamber with the aerating head; and auxiliary valve means (39) for sealing off the intermediate chamber from the conduit means when the cylinder valve is not fully closed and the valve actuating means are in their inactive position. The auxiliary valve means comprises a control chamber (25), a plunger (42) sealing off the control chamber from the intermediate chamber when the valve actuating means are in the inactive position and permitting passage of gas from the intermediate chamber when the valve actuating means are in the active position.

IPC 1-7

**B67D 1/04**; **B67D 1/12**; **F16K 15/18**

IPC 8 full level

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